

What is claimed is:

1. A fabrication method for a color filter panel of a display device, the method comprising:
 - forming a color filter layer on a substrate, the color filter layer defining an opening;
 - forming a photosensitive layer on the color filter layer; and
 - forming a spacer by back-exposing the photosensitive layer through the opening.
2. The method of claim 1, wherein in the step of forming the color filter layer, the color filter layer includes first, second and third sub color filter layers.
3. The method of claim 2, further comprising:
 - forming a black matrix between the first, second and third sub color filter layers as the first, second and third sub color filter layers are formed.
4. The method of claim 3, wherein the opening is automatically formed as the black matrix and the first, second and third sub color filter layers are formed.
5. The method of claim 3, wherein in the step of forming the black matrix, the black matrix is a stack of first, second and third organic layers being used to form the first, second and third sub color filter layers.

6. The method of claim 2, wherein the step of forming the color filter layer includes:

- forming a first organic layer on the substrate;
- exposing the first organic layer using a first mask; and
- developing the exposed first organic layer to form the first sub color filter layer and to define the opening.

7. The method of claim 6, wherein the step of forming the color filter layer further includes:

- forming a second organic layer entirely over a resultant structure;
- exposing the second organic layer using a second mask; and
- developing the exposed second organic layer to form the second sub color filter layer and to define the opening.

8. The method of claim 7, wherein the step of forming the color filter layer further includes:

- forming a third organic layer entirely over a resultant structure;
- exposing the third organic layer using a third mask; and
- developing the exposed third organic layer to form the third sub color filter layer and to define the opening.

9. The method of claim 8, wherein each of the first, second and third masks includes a pattern corresponding to the opening, such that this pattern is used to form the opening.

10. The method of claim 1, wherein in the step of forming the color filter layer, the color filter layer includes an ultraviolet ray absorbent material.
11. The method of claim 1, wherein the step of forming the spacer is performed using a glass filter.
12. The method of claim 11, wherein the glass filter blocks a wavelength of at least 360 nm.
13. The method of claim 1, further comprising:
forming a common electrode on the color filter layer; and
forming an alignment layer on the common electrode and the spacer.
14. The method of claim 1, further comprising:
forming an overcoat layer on the color filter layer; and
forming an alignment layer on the spacer.
15. The method of claim 1, wherein the spacer is formed by using a negative type photosensitive resin.
16. A color filter panel for a display device, the color filter panel comprising:
a color filter layer on a substrate and defining an opening to be used to form a spacer;
a black matrix on the substrate; and
the spacer on the substrate and located above the opening.

17. The color filter panel of claim 16, wherein the color filter layer includes first, second and third sub color filter layers, such that the black matrix is located between the first, second and third sub color filter layers.

18. The color filter panel of claim 17, wherein the opening is located adjacent to one of the first, second and third sub color filter layers.

19. The color filter panel of claim 17, wherein the black matrix is a stack of first, second and third organic layers used to form the first, second and third sub color filter layers.

20. The color filter panel of claim 16, wherein the color filter layer includes an ultraviolet ray absorbent material for patterning the spacer, or the spacer is patterned using a glass filter.

21. The color filter panel of claim 20, wherein the glass filter blocks a wavelength of at least 360 nm.

22. The color filter panel of claim 16, further comprising:
a common electrode on the color filter layer; and
an alignment layer on the common electrode and the spacer.

23. The color filter panel of claim 16, further comprising:
an overcoat layer on the color filter layer; and
an alignment layer on the spacer.

24. The color filter panel of claim 16, wherein the spacer is composed of a negative type photosensitive resin.

25. A display device comprising:

a thin film transistor (TFT) array panel;

a color filter panel; and

a liquid crystal between the TFT array panel and the color filter panel, wherein the color filter panel includes:

a color filter layer on a substrate and defining an opening to be used to form a spacer,

a black matrix on the substrate, and

the spacer on the substrate and located above the opening.

26. The display device of claim 25, wherein the color filter layer includes first, second and third sub color filter layers, such that the black matrix is located between the first, second and third sub color filter layers.

27. The display device of claim 26, wherein the opening is located adjacent to one of the first, second and third sub color filter layers.

28. The display device of claim 26, wherein the black matrix is a stack of first, second and third organic layers used to form the first, second and third sub color filter layers.

29. The display device of claim 25, wherein the color filter layer includes

an ultraviolet ray absorbent material for patterning the spacer, or the spacer is patterned using a glass filter.

30. The display device of claim 29, wherein the glass filter blocks a wavelength of at least 360 nm.

31. The display device of claim 25, further comprising:
a common electrode on the color filter layer; and
an alignment layer on the common electrode and the spacer.

32. The display device of claim 25, further comprising:
an overcoat layer on the color filter layer; and
an alignment layer on the spacer.

33. The display device of claim 25, wherein the spacer is composed of a negative type photosensitive resin.